

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000630

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N15/10 C12P1/00 C07B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N C12P C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/025567 A (BERNARD, ANDRE; DUEBEL, STEFAN) 27 March 2003 (2003-03-27)	63-68
A	figures 1,2	1-62
X	WO 02/103008 A (NUEVOLUTION A/S; PEDERSEN, HENRIK; GOUILAIEV, ALEX, HAAHR; SAMS, KLARNE) 27 December 2002 (2002-12-27)	63-68
A	figures 3-6	1-62
X	WO 00/32823 A (PHYLOS, INC) 8 June 2000 (2000-06-08)	63-68
A	page 1 - page 21; figures 1-20	1-62
X	WO 02/083951 A (NORTHEASTERN UNIVERSITY; GIESE, ROGER, W) 24 October 2002 (2002-10-24)	63-68
A	figures 2,3	1-62
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/23458 A1 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 27 April 2000 (2000-04-27) the whole document -----	1-68
A	WO 01/53539 A (PHYLOS, INC) 26 July 2001 (2001-07-26) the whole document -----	1-68

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

161/DK2004/000630

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03025567	A	27-03-2003	DE 10145226 A1	10-04-2003
			WO 03025567 A2	27-03-2003
			DE 10294286 D2	23-12-2004
WO 02103008	A	27-12-2002	CA 2451524 A1	27-12-2002
			WO 02103008 A2	27-12-2002
			WO 02102820 A1	27-12-2002
			EP 1402024 A2	31-03-2004
			EP 1401850 A1	31-03-2004
			JP 2004535193 T	25-11-2004
			US 2003143561 A1	31-07-2003
			US 2004049008 A1	11-03-2004
			WO 03078625 A2	25-09-2003
			WO 03078445 A2	25-09-2003
			WO 03078626 A2	25-09-2003
			WO 03078050 A2	25-09-2003
			WO 03078446 A2	25-09-2003
			WO 03078627 A2	25-09-2003
			EP 1487978 A2	22-12-2004
			EP 1487848 A2	22-12-2004
			EP 1487849 A2	22-12-2004
			EP 1487850 A2	22-12-2004
			EP 1487851 A2	22-12-2004
			EP 1490384 A2	29-12-2004
WO 0032823	A	08-06-2000	AU 775997 B2	19-08-2004
			AU 2350900 A	19-06-2000
			CA 2350417 A1	08-06-2000
			EP 1137812 A1	04-10-2001
			JP 2002531105 T	24-09-2002
			NO 20012735 A	23-07-2001
			NZ 511699 A	28-02-2003
			WO 0032823 A1	08-06-2000
			US 2002177158 A1	28-11-2002
			US 6416950 B1	09-07-2002
WO 02083951	A	24-10-2002	WO 02083951 A1	24-10-2002
WO 0023458	A1	27-04-2000	AU 1318400 A	08-05-2000
			CA 2346989 A1	27-04-2000
			EP 1123305 A1	16-08-2001
WO 0153539	A	26-07-2001	AU 2927901 A	31-07-2001
			CA 2396810 A1	26-07-2001
			EP 1250463 A1	23-10-2002
			JP 2003520050 T	02-07-2003
			WO 0153539 A1	26-07-2001
			US 2003032049 A1	13-02-2003
			US 2001024784 A1	27-09-2001